Sangeeth Dev Sarangi

Email: sangeethdev1995@gmail.com
www.linkedin.com/in/sangeeth-dev
Mobile: +447825201024
Southampton, UK

EDUCATION

- **Keele University, School of Computing and Mathematics**   Keele, UK
  Master of Science in Artificial Intelligence and Data Science   *Sept. 2021 – Sept. 2022*
  - **Grade:** Secured Distinction and honoured with best performance award.
  - **Relevant Coursework**: Twitter Data Analysis, Analysis on Google Search queries, Java-based simulation of agent behaviour and transactions
  - **Relevant Subjects**: Data Analytics and Databases, Mathematics for AI and Data science, Data Visualization, Distributed Intelligent System, Machine Learning and Cloud Computing.

- **College Of Engineering Chengannur**   Kerala, India
  Bachelor of Technology in Computer Science   *Aug. 2014 – May 2018*
  - **CGPA:** *8.53/10.0*
  - **Relevant Subjects**: Data Structures and Algorithms, Analysis and Design of Algorithms, Database Management Systems, Object Oriented Programming, Statistics and Probability

EXPERIENCE

- **Tata Consultancy Service Ltd**   Bangalore, India
  System Engineer   *Jun. 2018 – Oct. 2021*
  - Team leader for offshore operations in Apple's Customer Relationship Management Project.
  - Developed and implemented technical solutions that improved system functionality and met client requirements.
  - Demonstrated keen capabilities across varied programming software, including competence in Python and Java.
  - Coordinated with wider engineering teams to design and implement technical solutions for improved system functionality.
  - Used outstanding communication and relationship-building abilities to liaise with project and engineering teams for smooth-running systems delivery.

- **Sony Global - Indsie Technologies**   Cochin, India
  Intern Web Developer   *Jun. 2016 – Jul. 2016*
  - Developed an accounting website to be used in live handicraft e-commerce transactions of Indsie.com.
  - Delivered clean, error-free code matching project scope and minimising performance issues.

PUBLICATIONS

- Sarangi, S. and Mandal, B. (2023). **Deep Neural Network Based Attention Model for Structural Component Recognition.** In *Proceedings of the 18th International Joint Conference on Computer Vision, Imaging and Computer Graphics Theory and Applications - Volume 4: VISAPP*, ISBN 978-989-758-634-7, ISSN 2184-4321, pages 317-326.

PROJECTS

- **Deep Learning Model:** Developed a deep learning model to recognize civil structural components using an attention model.

- **Face Recognition:** Created a demographic face recognition system using a convolutional neural network.

- **Recommendation System:** Developed a movie recommendation system using public datasets.

- **Data Analysis and Visualization:** Completed an external client project involving data analysis and visualization for BookMeIn2.

- **Machine Learning Model:** Created a handwritten character recognition system using machine learning techniques.

SKILLS

- **Technical Skills:**
  - Proficient in programming languages including Python, R, Java, C, C++, and JavaScript
  - Experienced in deep learning techniques using Python (Pandas, NumPy, Scikit-learn, Seaborn, TensorFlow, SciPy, Keras) and R (dplyr)
  - Skilled in database management using Oracle, MySQL, and SQLite
  - Proficient in Microsoft Excel, Google Sheets, and Linux/Unix operating systems
  - Experienced in developing and consuming REST APIs, as well as creating web pages using HTML and CSS

- **Soft Skills:**
  - Strong problem-solving, critical thinking, and decision-making skills
  - Proven leadership ability and experience working effectively in a team
  - Demonstrated ability to work well under pressure and adapt to new challenges
  - Highly motivated and willing to continuously learn and improve

COURSE CERTIFICATIONS

- Machine learning with Python Training (Besant Technologies)
- Python, Pandas & Data Visualization (Kaggle)
- Deep Learning Specialization – DeepLearning.AI (Coursera)
  - Neural Networks and Deep Learning
  - Improving Deep Neural Networks: Hyperparameter Tuning, Regularization and Optimization
  - Structuring Machine Learning
  - Convolutional Neural Networks
  - Sequence Model - NLP